TOBACCO SMOKE EFFECTS

4. April 1989

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
B(a)P covalent binding	lung	rat	A	M	Gupta	87	1195-C11	overadditive, if vit.deficient
B(a)P-DNA-adducts	monocytes	man	C	M	Nowak	88	1053-G7	no effect
DNA adducts (postlabelling)	lung	man	C	M	Phillips	88	1174-F12	increase
NDMA demethylase	lung	rat	A	M	Pasquini	87	1154-D1	no effect (MWSC, SWSC i. p.)
NDMA demethylase	liver	rat	A	S	Pasquini	87	1154-D1	no effect (MWSC, SWSC i. p.)
NDMA demethylase	lung	rat	A	S	Pasquini	87	1154-D1	no effect (MWSC, SWSC i. p.)
NDMA demethylase	liver	rat	A	M	Pasquini	87	1154-D1	no effect (MWSC, SWSC i. p.)
S9 protein concentration	lung	rat	A	M	Gupta	87	1195-C11	no effect
UDP-glucuronyltransferase	lungs	man	C	M	Petruzzelli	88	-	increase
accumulation of lymphocytes	lung	mouse	C	M	Matulionis	84	348-C11	=
accumulation of surfactant	lung	mouse	C	M	Matulionis	84	348-C11	=
acth	serum	rat	A	M	Andersson	87	1024-A1	increase
acth	plasma	rat	A	M	Andersson	88	1042-A1	decrease
adherence	macrophage	man	C	M	Ando	84	819-A7	-
aggrevation of asthma; hay fever,	lung	man	=	S	Dahms	81	786-A5	pectoris, rhinorrhea

2028957425

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
angina aggrevation of asthma, hay fever, angina	lung	man	-	S	Aronow	78	786-A1	pectoris, rhinorrhea
ahm activity	lung	rat	-	M	Kouri	79	6-G13	mouse
ahm activity	kidney	monkey	C	M	Sopori	85	640-F9	-
ahm activity	lung	rat	A	M	Gielen	76	6-C03	increase, not in liver
ahm activity	liver	mouse	C	M	Holt	72	693-C10	induction after 5 weeks
ahm activity	liver	mouse	A	M	Holt	72	693-C10	induction after 5 weeks
ahm activity	lung	mouse	C	M	Holt	72	693-C10	slight recovery after 5 weeks
ahm activity	lung	mouse	A	M	Holt	72	693-C10	slight recovery after 5 weeks
ahm activity	lung	monkey	C	M	Sopori	85	640-F9	-
ahm activity	stomach	monkey	C	M	Sopori	85	640-F9	-
ahm activity	liver	monkey	C	M	Sopori	85	640-F9	-
ahm activity	lung	mouse	B	S	Gairola	87	943-D8	increase, not in guinea pig
ahm activity	lung	hamster	A	M	Akin	76	1-A10	increase
ahm activity	lung	rat	A	M	Simberg	78	981-E13	-
ahm activity	lung	rat	A	M	Akin	76	1-A10	increase
ahm activity	lung	mouse	A	M	Akin	76	1-A10	increase
ahm activity	lung	mouse	A	M	Abramson	75	665-A1	responsive and non-responsive
ahm activity	lung	rat	A	M	Bilimoria	80	1-B22	also kidney
ahm activity	lung	hamster	A	M	Bilimoria	80	1-B22	renal only in female
ahm activity	lung	guinea	A	M	Bilimoria	80	1-B22	no effect, but

2028957426

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
		pig						kidney
ahm activity	lung	rat	A	M	Dansette	79	1-F26	increase, not in liver
ahm activity	liver	man	C	M	Brodie	79	3-A1	no effect:p-450,reductase
ahm activity	lung	rat	A	M	Farrell	80	42-A9	also kidney
ahm activity	lung	rat	B	M	Down	81	556-D14	recovery after 3d
ahm activity	lung	rat	A	M	Down	81	556-D14	recovery after 3d
ahm activity	lung	rat	B	-	Down	81	556-D14	no induction by non-smoke cig.
ahm activity	lung	rat	B	S	Gairola	87	943-D8	increase, not guinea pig
ahm activity	lung	mouse	B	M	Gairola	87	943-D8	increase, not guinea pig
ahm activity	lung	rat	B	M	Gairola	87	943-D8	increase, not in guinea pig
ahm activity	kidney	rat	A	M	Gielen	76	6-C03	increse, not in liver
ahm activity	macrophage	man	C	M	Cantrell	73	10-B18	induction
ahm activity	fetal liver	rat	A	M	Welch et al.	71	13-M7	induction
ahm activity	liver	rat	A	M	Welch et al.	71	13-M7	induction
ahm activity	intestine	rat	A	M	Welch et al.	71	13-M7	induction
ahm activity	placenta	rat	A	M	Welch et al.	71	13-M7	induction
ahm activity	lungs	man	C	M	Petruzzelli	88	-	increase
ahm activity	lungs	rat	A	M	Welch et al.	71	13-M7	induction
ahm activity	macrophage	man	A	M	Cantrell	73	6-B10	induction
ahm activity	liver	rat	A	M	Pasquini	87	1154-D1	no ef., incr. with SWSC i.p.

2028957427

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
ahm activity	lung	rat	A	S	Pasquini	87	1154-D1	increase (MWSC/SWSC i.p.)
ahm activity	lung	rat	A	M	Pasquini	87	1154-D1	increase (MWSC/SWSC i.p.)
ahm activity	placenta	man	C	M	Hincal	86	TS 039	increase
ahm activity	trachea	rat	A	M	Simberg	78	981-E13	cov. binding:i
ahm activity	monocytes	man	C	M	Nowak	88	1053-G7	increase
alanine aminotransferase	serum	man	C	M	Mellstroem	82	1063-D12	decrease
albumin	blood	man	-	M	Dales	74	20-E10	-
albumin	blood	man	C	M	Weiss	81	428-F12	-
alkaline phosphatase	placenta	man	C	-	Tonik	83	435-G10	-
alkaline phosphatase	serum	man	C	M	Gofin	82	1042-A13	no effect
alkaline phosphatase	serum	man	C	M	Mellstroem	82	1063-D12	increase
alkaline phosphatase	serum	man	C	M	Chan-Yeung	81	1060-D8	increase
alpha-1-acid glucoprotein	blood	man	C	M	Weiss	81	428-F12	-
alpha-1-acid glucoprotein	blood	man	C	M	Wolf	82	428-G5	-
alpha-1-antitrypsin	blood	man	C	M	Thabaut	76	459-B12	-
alpha-1-antitrypsin	blood	man	C	M	Weiss	81	428-F12	-
alpha-1-antitrypsin	blood	man	C	M	Wolf	82	428-G5	-
alpha-1-globulin	blood	man	-	M	Wingerd	77	13-N1	-
alpha-2-globulin	blood	man	-	M	Wingerd	77	13-N1	-
alveolar particulate clearance	lung	man	C	M	Freedman	84	744-b5	-
amount of BALT	lung	rat	-	M	Gregson	81	20-K6	-
antibodies against influenza antigens	blood	man	C	M	Finklea	71	20-H13	-

2028957428

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
antipyrene clearance	in vivo	rat	A	M	Farrell	80	42-A9	the same in man
antipyrine clearance	-	man	C	M	Loft	88	1157-D2	increase, also with coffee/tea
architecture	spleen	mouse	-	M	Ayre	81	442-A11	-
aspartate aminotransaminase	serum	man	C	M	Dini	69	1039-C2	no effect
aspartate aminotransferase	serum	man	C	M	Chan-Yeung	81	1060-D8	slight decrease
aspartate aminotransferase	serum	man	C	M	Dales	74	20-E10	inconsistent effects
aspartate aminotransferase	serum	man	C	M	Mellstroem	82	1063-D12	no effect
aspartate aminotransferase	serum	man	C	M	Chan-Yeung	82	-	decrease
aspartate aminotransferase	serum	man	C	M	Gofin	82	1042-A13	decrease in males
atherosclerosis	heart	human	C	M	Perlman	85	1001-E7	combin. with oral contracept.
b lymphocyte, stimulation	spleen	monkey	C	M	Sopori	85	640-F9	no effect, LPS
beta-carotene concentration	plasma	man	C	M	Stryker	88	1195-E14	-
bilirubin	serum	man	C	M	Gofin	82	1042-A13	decrease in males
bilirubin	serum	man	C	M	Mellstroem	82	1063-D12	decrease
bilirubin	serum	man	C	M	Chan-Yeung	82	-	decrease in males
body weight	whole body	-	C	M	Gruenberg	87	abstract	=
body weight gain	-	rat	C	M	Griffith	85	296-C8	-
body weight gain	-	rat	B	-	Binns	78	20-C18	decrease

2028957429

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
body weight gain	-	rat	C	S	Griffith	85	296-C8	-
cadmium	blood	man	C	-	Ewers	85	419-E1	increase
calcium concentration	blood	man	C	M	Sulsky	88	1195-F14	increase
cancer	breast	human	C	M	Stroup	85	-	no effect
cancer	cervix	man	-	M	Harris	80	976-B8	-
cancer	cervix	man	-	M	Peters	86	1023-F13	-
cancer	cervix	man	-	M	La Vecchia	86	976-D5	-
cancer	cervix	man	-	M	Brinton	86	976-A10	-
carotenoid concentration	blood	man	C	M	Sulsky	88	1195-F14	decrease
catecholamine	hypothalamus	rat	A	M	Andersson	87	1024-A1	decrease
chemiluminescence	urine	man	C	M	Inaba	86	1045-F2	increase
chemotactic activity	cell-free BAL	mouse	C	M	Kew	87	977-B9	increase
chemotactic activity	bron. epi. cell	bovine	-	-	Shoji	86	1039-F11	stimulation
chemotactic activity	bron. epi. cell	man	-	-	Shoji	86	1039-F11	stimulation
chromosome aberrations	lymphocyte	man	C	M	Nordenson	78	189-D13	blood
chromosome aberrations	lymphocyte	man	C	M	Maeki-Paakanen	80	181-E5	blood
chromosome aberrations	lung	human	-	-	Leuchtenberger	83	326-C13	increase
chromosome aberrations	lymphocyte	man	C	M	Fredga	82	176-E11	blood
chromosome aberrations	lymphocyte	man	C	M	Vijayala	82	206-F14	blood
chromosome aberrations	lymphocyte	man	C	M	Obe	82	205-E1	blood
chromosome	lymphocyte	man	C	M	Angelsanto	82	228-A1	blood

2028957430

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
aberrations chromosome	lymphocyte	man	C	M	Andersson	80	204-A1	blood
aberrations chromosome	lymphocyte	man	C	M	Huettner	80	178-D5	blood
aberrations chromosome	lymphocyte	man	C	M	Obe	78	169-E1	blood
aberrations chromosome	root tip	garlic	-	-	Izard	73	-	-
aberrations chromosome	root tip	onion	-	-	Sabharwal	75	13-H17	increase
aberrations chromosome	root tip	garlic	-	-	Pandey	78	-	increase
aberrations chromosome	lung	human	-	-	Leuchtenberger	73	23-M17	increase
aberrations complement	blood	man	-	M	Romanski	81	804-F1	-
complement	blood	man	-	M	Perricone	83	817-C7	-
complement	blood	man	-	M	Wyatt	81	803-G7	-
complement, C1-activation	serum	man	-	-	Kew	85	1042-C2	no effect
complement, C3	-	human	-	-	Kew	85	1042-C2	alternative pathway activation
complement, C3	-	man	-	-	Kew	87	1042-C10	alternative pathway activation
complement, C4-activity	serum	human	-	-	Kew	85	1042-C2	depletion
complement, hemolytic activity	serum	human	-	-	Kew	85	1042-C2	depletion
compliance, rate	lung	mouse	C	M	Matulionis	84	348-C11	decrease

2028957431

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
copper concentration	blood	man	C	M	Sulsky	88	1195-F14	increase
corticosterone	serum	rat	A	M	Andersson	87	1024-A1	no effect
cotinine	urine	man	-	M	Jarvis	83	422-B14	-
cotinine	urine	man	-	S	Jarvis	83	422-B14	=
creatine kinase	serum	man	C	M	Pedersen	85	1042-E9	decrease
creatinine	urine	man	C	M	Mohtashamipur	85	455-E13	-
creatinine	serum	man	C	M	Gofin	82	1042-A13	decrease in males
creatinine	urine	human	C	M	Adlkofer	85	812-A1	=
cutaneous flow	blood	man	-	M	Richardson	81	6-J2	and 82
cutaneous flow	blood	?	-	M	Ehrly	75	435-C5	-
cyclooxygenase	platelets	man	C	M	Nowak	87	=	induction
cytochrome C oxidase	blood	rat	-	M	Garrett	78	25-G1	-
desmosine	urine	human	C	M	Davies	83	832-B4	-
diffusion capacity	lung	mouse	C	M	Matulionis	84	348-C11	decrease
dna adducts	lungs	rat	B	M	Gupta	88	1135-A11	post-labeling
dna adducts	white blood cel	mouse	A	M	Reddy	88	1135-D14	skin painting
dna adducts	nasal epithel.	rat	B	M	Gupta	88	1135-A11	post-labeling
dna synthesis	macrophage	man	C	M	Matulionis	79	21-A10	-
drug metabolism	-	man	-	M	Vestal	75	92-G5	-
drug metabolism	-	?	-	M	Pelkonen	80	18-C17	-
drug metabolism	-	?	-	M	Garrett	79	20-J7	=
dt-diaphorase	lungs	man	C	M	Schlager	88	1135-G1	no effect
elastase activity	BAL	guinea pig	B	S	Slodkowska	87	1059-F11	no significant change
elastase activity	plasma	human	-	M	Weitz	87	1056-G5	increase
emphysema	lung	man	=	-	Tattersfield	83	804-G5	-
emphysema	lung	-	-	-	Auerbach	72	474-B2	=
emphysema,	lung	hamster	C	M	Hoidal	83	431-D14	-

2028957432

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
elastase-induced epoxide hydratase	lung	rat	A	M	Dansette	79	1-F26	increase, not in liver
epoxide hydratase	trachea	rat	A	M	Simberg	78	981-E13	no effect
epoxide hydrolase	lungs	man	C	M	Petruzzelli	88	-	increase
ethoxycoumarin deethylase	lungs	man	C	M	Petruzzelli	88	-	increase
eye blinking	eye	human	-	-	Basu	78	478-A1	-
fatty acid, free	blood	rat	-	M	Mikhail	79	196-G10	=
fertility	-	human	C	M	Daling	85	-	immunosuppression
fibrosis	lung	mouse	C	M	Matulionis	84	348-C11	-
follicle stimulating hormone	serum	rat	A	M	Andersson	88	1054-A1	decrease
fsh	serum	rat	A	M	Andersson	87	1024-A1	no effect
gamma globulin	blood	man	-	M	Wingerd	77	13-N1	=
gastric emptying	stomach	man	C	M	Grimes	78	350-B5	-
globulin	blood	man	-	M	Dales	74	20-E10	-
globulin	serum	man	C	M	Pedersen	85	1042-E9	decrease
globulin	blood	man	C	M	Weiss	81	428-F12	-
globulin	serum	man	C	M	Gofin	82	1042-A13	decrease in females
globulin	serum	man	C	M	Dales	74	20-E10	decrease
glucose	serum	man	C	M	Gofin	82	1042-A13	no effect
glucose (fasting)	serum	man	C	M	Blackburn	60	-	increase
glucose-6-phosphate dehydrogenase	lung	rat	B	M	York	76	216-G7	-
glutathione	liver	rat	C	M	Graziano	84	214-A12	=
glutathione	erythrocyte	man	C	M	Pettigrew	72	786-C10	-
glutathione	lung	rat	A	M	Chow	84	479-D1	=
glutathione	lung	rat	B	M	York	76	216-G7	-

2028957433

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI=CODE	REMARKS
peroxidase glutathione	lung	rat	A	M	Chow	84	479=D1	-
peroxidase glutathione	lung	rat	B	M	York	76	216-G7	-
reductase glutathione	lung	rat	A	M	Chow	84	479-D1	=
reductase glutathione-S-transf	lungs	man	C	M	Petruzzelli	88	-	decrease
erase gluthadione	liver	rat	B	M	Graziano	84	214-A12	no effect
transferase granulation	macrophage	rat	C	M	Drath	80	804-B14	lipid inclusions
haematocrit	blood	man	C	M	Lowe	85	1075-F7	increase
haemoglutineic; haemolytic antibodies	spleen	mouse	C	M	Thomas	74	288-G1	-
haptoglobin	blood	man	C	M	Weiss	81	428-F12	-
haptoglobin	blood	man	C	M	Wolf	82	428-G5	=
haptoglobulin	blood	man	C	M	Thabaut	76	459-B12	-
hemorrhage	chorioallanto ic	chicken	A	M	Comber	73	41-A1	condensate
histidine requirement	=	Salmonel la	A	M	Kier	74	40-A1	nitrate effects
humoral immunity	blood	mouse	-	M	Thomas	75	13-K19	-
humoral immunity	blood	mouse	-	M	Holt	76	822-C10	-
humoral immunity	spleen	mouse	-	M	Thomas	73	13-K16	-
humoral immunity	lung	rat	C	M	Gregson	81	20-K6	-
humoral immunity	lymph node	mouse	-	M	Thomas	73	13-K16	=
humoral immunity	blood	mouse	-	M	Thomas	73	13-K16	-
humoral immunity	spleen	mouse	-	M	Thomas	75	13-K19	-

2028957434

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
humoral immunity	lung	mouse	-	M	Thomas	73	13-K16	-
hydroxyproline	urine	human	C	M	Adlkofer	85	812-A1	-
hyperplasia	larynx	hamster	B	M	Harada	84	809-B14	-
hyperplasia	chorioallantoic	chicken	A	M	Comber	73	41-A1	condensate
ig	blood	man	-	M	Ferson	79	428-A11	-
ig	lung	man	-	M	Gregson	81	20-K6	-
ig	blood	man	-	M	Romanski	81	804-F1	-
ig	skin	man	-	M	Warren	82	811-G8	-
ig	lung	rat	C	-	Gregson	81	20-K6	bronchi
ig	blood	man	-	M	Warren	82	811-G8	-
ig	skin	man	-	M	Romanski	81	804-F1	-
ig	blood	man	-	M	Gerrard	80	804-D5	-
ig	blood	man	-	M	Stein	83	437-F9	-
ig	blood	man	-	M	Cederqvist	84	428-A7	-
igA	blood	man	-	M	Onari	78	18-B26	-
igA	blood	man	C	M	Ferson	79	428-A11	-
igA	blood	man	C	M	Andersen	82	101-A1	-
igE	-	man	C	M	Warren	82	811-G8	-
igE	blood	man	C	M	Burrows	81	TS 024	-
igE	-	man	C	M	Zetterstroem	81	437-G6	-
igE	-	man	C	M	Stein	83	437-F9	-
igG	blood	man	-	M	Onari	78	18-B26	-
igG	blood	man	C	?	Andersen	82	101-A1	-
igM	blood	man	C	M	Cederqvist	84	428-A7	-
immune response to transplanted tumors	-	mouse	C	M	Chalmer	75	804-A13	-
immune response to transplanted tumors	-	mouse	C	M	Holt	76	822-C10	-
immune response to transplanted tumors	-	mouse	C	M	Thomas	75	13-K19	-

2028957435

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
immunity	lymph node	mouse	-	M	Thomas	75	13-K19	-
interferon	L-929 cells	mouse	A	S	Sonnenfeld	86	662-E12	-
interleukin-1 release	macrophage	man	C	M	Brown	88	1189-A1	decrease
leucocyte, number	blood	man	C	M	Petersen	83	341-D14	-
leucocyte, number	blood	man	C	-	Zalokar	81	269-F11	-
leucocyte, number	blood	man	C	-	Noble	75	18-B20	-
leucocyte, number	BAL	mouse	C	M	Kew	87	977-B9	increase
leucocytes	blood	man	-	M	Sparrow	84	817-D4	-
leukotriene synthesis	macrophage	rat	B	M	Mobley	87	[illegible]	decrease
lh	serum	rat	A	M	Andersson	87	1024-A1	no effect
lipid peroxidation	-	man	C	M	Shariff	88	1195-E8	pentane extraction, vit. E
luteinizing hormone	serum	rat	A	M	Andersson	88	1054-A1	decrease
lysosomal activity	macrophage	man	-	M	Martin	73	198-A8	-
lysosomal activity	macrophage	rat	-	M	Barry	72	298-A2	-
lysozyme activity	macrophage	rat	C	M	Gregson	81	20-K6	-
macrophage, number	-	man	C	M	Ando	84	819-A7	-
macrophage, number	-	hamster	B	M	Harada	84	809-B14	-
macrophage, number	-	man	C	M	Fisher	82	68-A1	-
macrophage, size	-	rat	C	M	Drath	80	804-B14	-
macrophage, vacuolization	lung	mouse	C	M	Matulionis	84	348-C11	-
magnesium concentration	blood	man	C	M	Sulsky	88	1195-F14	decrease
malanodialdehyde (MDA)	serum	man	C	M	Nadiger	87	1048-E11	lipid peroxidation marker
mast cell density	resp.	man	-	M	Lamb	82	818-E7	-

2028957436

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
mast cells	epithel. lung	monkey	-	M	Walter	82	819-G10	-
monocyte expression	monocytes	man	C	M	Ziegler-Heitbrock	88	1189-G11	unaltered
morphometry	lungs	hamster	A	M	Takada	88	1073-F1	synergist. effect with bleomyc
mortality	-	rat	B	-	Binns	78	20-C18	-
mutagenicity	urine	man	C	M	van Doorn	79	41-F3	-
mutagenicity	urine	man	C	M	Sirtori	78	nd	-
mutagenicity	urine	rat	A	M	Mohtashamipur	84	354-E12	-
mutagenicity	urine	rat	A	S	Mohtashamipur	84	354-E12	-
mutagenicity	urine	man	C	M	Schenker	85	552-G12	-
mutagenicity	urine	man	C	M	Yamasaki	77	346-G8	-
mutagenicity	urine	man	C	M	Dolara	81	93-C5	-
mutagenicity	urine	man	C	M	Aeschbacher	81	93-A1	-
mutagenicity	urine	man	C	M	Putzrath	81	13-F13	-
mutagenicity	urine	man	C	M	Gellbart	80	804-C14	-
mutagenicity	urine	man	C	M	Schenker	88	1189-D14	increase
necrosis	chorioallantoic	chicken	A	M	Comber	73	41-A1	condensate
nk cell activity	blood	man	-	M	Ferson	79	428-A11	-
nk cell activity	spleen	monkey	C	M	Sopori	85	640-F9	decrease
ntb reduction	macrophage	man	C	M	Ando	84	819-A7	-
okt4+/okt8+	-	man	C	M	Miller	82	817-C3	-
okt4+/okt8+	blood	man	C	M	Miller	82	817-C3	-
oxidative phosphorylation	mitochondria;	-	=	-	Kyle	70	-	lung; cited in FEP 75/2, p.389
oxygen consumption	macrophage	rat	C	M	Drath	80	804-B14	=
pah excretion	urine	man	C	M	Becker	83	TS 040	B(a)P metabolites

2028957437

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000

TOBACCO SMOKE EFFECTS

PARAMETER	TISSUE	SPECIES	EXP	TYP	AUTHOR	YR	LI-CODE	REMARKS
permeability of bronchial mucosa	lung	guinea pig	-	M	Hulbert	80	533-B13	-
phagocytosis	PMN, peritoneal	mouse	C	M	Keast	83	803-B9	complement, killing
phagocytosis	macrophage	rat	C	M	Drath	80	804-B14	-
phagocytosis	lung	man	C	M	Fisher	82	68-A1	-
phagocytosis of tobacco antigens	blood	man	C	-	Romanski	84	428-E3	-
phagolysosome fusion	macrophage	rat	B	M	Harris	84	348-B5	-
physiology	lungs	rat	B	M	Lai	87	1100-D14	high vs. low nic., synerg.elas
plaque formation	-	mouse	C	M	Thomas	75	13-K19	-
plaque formation	-	mouse	C	M	Thomas	74	288-G1	-
plasma osmolality	blood	man	C	M	Lambert	83	469-E2	no effect
platelet adhesion, aggregation	blood	rat	-	M	Reese	75	22-L23	-
platelet adhesion, aggregation	blood	rat	C	M	Mikhail	79	196-G10	increase
platelet adhesion, aggregation	blood	?	-	M	Levine	73	158-C11	-
pmn, number	BAL	mouse	C	M	Kew	87	977-B9	increase
potassium	serum	man	A	M	Larson	61	tob11/1b	transient decrease
prenatal toxicity	-	man	-	M	Barrett	81	191-L9	-
primary and secondary response to SRBC	-	mouse	C	M	Thomas	73	13-K16	-
prolactin	serum	rat	A	M	Andersson	87	1024-A1	no effect
prolactin	serum	rat	A	M	Andersson	88	1054-A1	decrease
prostacyclin	vasc.	man	C	M	Nowak	87	-	induction

2028957438

Source: https://www.industrydocuments.ucsf.edu/docs/zldl0000